

Title (en)

RECEIVER UNIT FOR A LASER SCANNER DEVICE, LASER SCANNER DEVICE, VEHICLE AND METHOD FOR CAPTURING LIGHT

Title (de)

EMPFANGSEINHEIT FÜR EINE LASERSCANNERVORRICHTUNG, LASERSCANNERVORRICHTUNG, FAHRZEUG UND VERFAHREN ZUR LICHTERFASSUNG

Title (fr)

UNITÉ RÉCEPTRICE POUR UN DISPOSITIF DE BALAYAGE LASER, DISPOSITIF DE BALAYAGE LASER, VÉHICULE ET PROCÉDÉ DE CAPTURE DE LA LUMIÈRE

Publication

EP 3444635 A1 20190220 (EN)

Application

EP 18188123 A 20180809

Priority

DE 102017118436 A 20170814

Abstract (en)

The invention relates to a receiver unit (4) for a laser scanner device (2), wherein the receiver unit (4) comprises a first converging lens (7) comprising a first focal plane, and an imager (9), which is capable of capturing light that has passed through the first converging lens (7). The receiver unit (4) comprises a first optical unit (8) positioned between the first converging lens (7) and the imager (9), wherein the first optical unit (8) is configured to project light passing through a certain area of the focal plane onto a certain area of the imager (9) such that the certain area of the imager (9) is smaller than the certain area of the focal plane.

IPC 8 full level

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Citation (search report)

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- [Y] EP 2910970 A1 20150826 - SICK AG [DE]
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